

| PTO-1449                             |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |               | ATTY. DOCKET NO.<br>21593 |       | SERIAL NO.<br>10783,559 |                               |
|--------------------------------------|----|--|---------------|---------------------------|-------|-------------------------|-------------------------------|
| LIST OF PRIOR ART CITED BY APPLICANT |    |  |               | APPLICANT Christensen     |       |                         |                               |
|                                      |    |  |               | FILING DATE<br>02/20/04   |       | GROUP<br>3738           |                               |
| U.S. PATENT DOCUMENTS                |    |  |               |                           |       |                         |                               |
| EXAMINER<br>INITIALS                 |    | DOCUMENT<br>NUMBER   | DATE          | NAME                      | CLASS | SUBCLASS                | FILING DATE<br>IF APPROPRIATE |
| AS                                   | BH | 4,938,773  | Jul. 3, 1990  | Morgan                    |       |                         |                               |
|                                      | BI | 4,959,073  | Sep. 25, 1990 | Merlette                  |       |                         |                               |
|                                      | BJ | 5,019,109  | May 28, 1991  | Voisin                    |       |                         |                               |
|                                      | BK | 5,030,239  | Jul. 9, 1991  | Copes                     |       |                         |                               |
|                                      | BL | 5,037,444  | Aug. 6, 1991  | Phillips                  |       |                         |                               |
|                                      | BM | 5,112,356  | May 12, 1992  | Harris et al.             |       |                         |                               |
|                                      | BN | 5,116,383  | May 26, 1992  | Shorter et al.            |       |                         |                               |
|                                      | BO | 5,156,632  | Oct. 20, 1992 | Wellershaus               |       |                         |                               |
|                                      | BP | 5,116,384  | May 26, 1992  | Wilson et al.             |       |                         |                               |
|                                      | BQ | 5,181,932  | Jan. 26, 1993 | Phillips                  |       |                         |                               |
|                                      | BR | 5,181,933  | Jan. 26, 1993 | Phillips                  |       |                         |                               |
|                                      | BS | 5,219,365  | Jun. 15, 1993 | Sabolich                  |       |                         |                               |
|                                      | BT | 5,217,500  | Jun. 8, 1993  | Phillips                  |       |                         |                               |
|                                      | BU | 5,290,319  | Mar. 1, 1994  | Phillips                  |       |                         |                               |
|                                      | BV | 5,314,499  | May 24, 1994  | Collier, Jr.              |       |                         |                               |
|                                      | BW | 5,376,133  | Dec., 1994    | Gramms                    |       |                         |                               |
|                                      | BX | 5,376,139  | Dec. 27, 1994 | Pitkin                    |       |                         |                               |
|                                      | BY | 5,376,141  | Dec. 27, 1994 | Phillips                  |       |                         |                               |
|                                      | BZ | 5,387,246  | Feb. 7, 1995  | Phillips                  |       |                         |                               |
|                                      | CA | 5,425,781  | Jun. 20, 1995 | Allard et al.             |       |                         |                               |
|                                      | CB | 5,425,782  | Jun. 20, 1995 | Phillips                  |       |                         |                               |
|                                      | CC | 5,443,528  | Aug. 22, 1995 | Allen                     |       |                         |                               |
|                                      | CD | 5,443,529  | Aug. 22, 1995 | Phillips                  |       |                         |                               |
|                                      | CE | 5,464,441  | Nov. 7, 1995  | Phillips                  |       |                         |                               |
|                                      | CF | 5,458,656  | Oct. 17, 1995 | Phillips                  |       |                         |                               |
|                                      | CG | 5,486,209  | Jan 23, 1996  | Phillips                  |       |                         |                               |
|                                      | CH | 5,507,838  | Apr. 16, 1996 | Chen                      |       |                         |                               |
|                                      | CI | 5,509,936  | Apr. 23, 1996 | Rappoport et al.          |       |                         |                               |
|                                      | CJ | 5,509,938  | Apr. 23, 1996 | Phillips                  |       |                         |                               |
|                                      | CK | 5,514,185  | May 7, 1996   | Phillips                  |       |                         |                               |
|                                      | CL | 5,514,186  | May 7, 1996   | Phillips                  |       |                         |                               |
| AS                                   | CM | 5,549,714  | Aug. 27, 1996 | Phillips                  |       |                         |                               |

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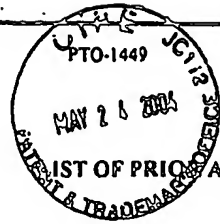
| U.S. PATENT DOCUMENTS  |                          |               |                          |                |          |                               |  |  |
|--|--------------------------|---------------|--------------------------|----------------|----------|-------------------------------|--|--|
| EXAMINER<br>INITIALS   | DOCUMENT<br>NUMBER       | DATE          | NAME                     | CLASS          | SUBCLASS | FILING DATE<br>IF APPROPRIATE |  |  |
| AS<br>↓  | DV                       | 6,290,730     | Sept. 18, 2001           | Pitkin et al.  |          |                               |  |  |
|  | DW                       | 6,306,178     | Oct. 23, 2001            | Kania et al.   |          |                               |  |  |
|  | DX                       | US2002/133237 | Sept. 19<br>May 10, 2002 | Christensen    |          |                               |  |  |
|  | DY                       | 1,289,580     | Dec. 31, 1918            | Vincenti       |          |                               |  |  |
|  | DZ                       | 4,442,554     | Apr. 17, 1984            | Copes          |          |                               |  |  |
|  | EA                       | 4,636,220     | Jan. 13, 1987            | Ziegelmeier    |          |                               |  |  |
|  | EB                       | 5,482,513     | Jan. 9, 1996             | Wilson         |          |                               |  |  |
|  | EC                       | 5,800,564     | Sept. 01, 1998           | Gelineau       |          |                               |  |  |
|  | ED                       | 5,913,902     | Jun 22, 1999             | Geible         |          |                               |  |  |
|  | EF                       | 5,957,981     | Sept. 28, 1999           | Granmans       |          |                               |  |  |
|  | EG                       | 6,228,124     | May 8, 2001              | Slemker et al. |          |                               |  |  |
|  | EH                       | 6,187,052     | Feb. 13, 2001            | Molino et al.  |          |                               |  |  |
|  | EI                       | 6,402,790     | Jun. 11, 2002            | Celebi         |          |                               |  |  |
|  | FOREIGN PATENT DOCUMENTS |               |                          |                |          |                               |  |  |
|  | DOCUMENT<br>NUMBER       | DATE          | COUNTRY                  | CLASS          | SUBCLASS | TRANSLATION<br>YES NO         |  |  |
| AS<br>↓  | EJ                       | 295,807       | Dec. 21, 1916            | Germany        |          |                               |  |  |
|  | EK                       | 556,381       | Feb. 5, 1957             | Italy          |          |                               |  |  |
|  | EL                       | 1,550,658     | Nov. 18, 1976            | Great Britain  |          |                               |  |  |
|  | EM                       | 2,033,772     | Apr. 30, 1995            | Russia         |          |                               |  |  |
|  | EN                       | 1,191,633     | May 13, 1970             | Great Britain  |          |                               |  |  |
| OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.) |                          |               |                          |                |          |                               |  |  |
|  |                          |               |                          |                |          |                               |  |  |
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| EXAMINER<br><i>A. Stuart</i> | DATE CONSIDERED<br><i>03/17/06</i> |
|------------------------------|------------------------------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
21593

SERIAL NO.  
10783,559

APPLICANT Christensen

FILING DATE  
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GROUP  
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LIST OF PRIOR ART CITED BY APPLICANT

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIALS |    | DOCUMENT<br>NUMBER | DATE   | NAME            | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|--------------------|--|-----------------|-------|----------|-------------------------------|
| AB                   | AA | 42,799             | May 17, 1864   | Shepard         | 9     | 1        |                               |
|                      | AB | 92,031             | June 29, 1869  | Foster          |       |          |                               |
|                      | AC | 292,800            | Feb. 5, 1884   | Furrer          |       |          |                               |
|                      | AD | 497,026            | May 9, 1893  | Judson          |       |          |                               |
|                      | AE | 1,001,641          | Aug. 29, 1911  | Harrison        |       |          |                               |
|                      | AF | 1,779,765          | <del>Oct. 23, 1930</del><br><del>Mar. 28, 1938</del> | Eichhorn        |       |          |                               |
|                      | AG | 1,996,874          | <del>Apr. 9, 1935</del><br><del>Aug. 28, 1933</del>  | Mascau          |       |          |                               |
|                      | AH | 2,036,830          | Apr. 7, 1936   | Rowley          |       |          |                               |
|                      | AI | 2,379,538          | Jul. 3, 1945   | Meierhofer      |       |          |                               |
|                      | AJ | 2,443,356          | <del>Jun. 15, 1948</del><br><del>Apr. 3, 1946</del>  | Mathis          |       |          |                               |
|                      | AK | 2,453,969          | <del>Nov. 16, 1948</del><br><del>Apr. 3, 1947</del>  | Carter          |       |          |                               |
|                      | AL | 2,470,480          | <del>May 17, 1949</del><br><del>Apr. 23, 1946</del>  | Fogg            |       |          |                               |
|                      | AM | 2,570,735          | <del>Oct. 9, 1951</del><br><del>Mar. 18, 1949</del>  | Weise           |       |          |                               |
|                      | AN | 2,617,115          | <del>Nov. 11, 1952</del><br><del>Jul. 25, 1949</del> | Ellery          |       |          |                               |
|                      | AO | 2,640,200          | <del>Jun. 2, 1953</del><br><del>Jul. 28, 1950</del>  | Wisbrun         |       |          |                               |
|                      | AP | 2,843,853          | <del>Jul. 22, 1958</del><br><del>Nov. 26, 1956</del> | Mauch           |       |          |                               |
|                      | AQ | 3,551,914          | <del>Jan. 5, 1971</del><br><del>May 9, 1968</del>    | Woodall         |       |          |                               |
|                      | AR | 3,754,286          | Aug. 28, 1973  | Ryan            |       |          |                               |
|                      | AS | 3,871,032          | Mar. 18, 1975  | Karas           |       |          |                               |
|                      | AT | 3,874,004          | Apr. 1, 1975   | May             |       |          |                               |
|                      | AU | 3,906,552          | Sept. 23, 1975                                       | Weber           |       |          |                               |
|                      | AV | 3,920,610          | Nov. 18, 1975  | Wagner          |       |          |                               |
|                      | AW | 3,956,775          | May 18, 1976   | Moore           |       |          |                               |
|                      | AX | 3,982,280          | Sept. 28, 1976                                       | Asbelle et al.  |       |          |                               |
|                      | AY | 4,089,072          | May 16, 1978   | Glabiszewski    |       |          |                               |
|                      | AZ | 4,328,594          | May 11, 1982   | Campbell et al. |       |          |                               |
|                      | BA | 4,506,395          | Mar. 26, 1985  | Haupt           |       |          |                               |
|                      | BB | 4,547,913          | Oct. 22, 1985  | Phillips        |       |          |                               |
|                      | BC | 4,645,509          | Feb. 24, 1987  | Poggi et al.    |       |          |                               |
|                      | BD | 4,676,801          | Jun. 30, 1987  | Lundeen         |       |          |                               |
|                      | BE | 4,721,510          | Jan. 26, 1988  | Cooper et al.   |       |          |                               |
|                      | BF | 4,822,363          | Apr. 18, 1989  | Phillips        |       |          |                               |
|                      | BG | 4,865,611          | Sep. 12, 1989  | Al-Turaiki      |       |          |                               |

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